

Claims

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2 1. Method using high interior pressure to reshape structural
3 section of continuously bounded overall cross-section,
4 whereby a stopper is forced radially against each end of
5 the piece, characterized in that when, in addition to its
6 overall cross section (1), the piece is provided with one or
7 more extra walls (2, 3, & 7) or chambers (4, 5, & 6), the
8 stopper (8) will seal the structural section only at its
9 continuous boundary.

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11 2. Method as in Claim 1, characterized in that the
12 independent wall (7) and the partitioning walls (2 & 3) are
13 provided with slots (17) that project more or less out of
14 the inner surface (18) and the outer surface of the overall
15 cross-section (1).

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17 3. Method as in Claim 2, characterized in that the slots
18 (17) are less than 1 cm deep.

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20 4. Method as in Claim 2 or 3, characterized, when the
21 structural section has several chambers (4, 5, & 6), by
22 additional slots (17) at the intersections between and
23 branches off of the partitioning walls (7).

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1 5. Device for using high interior pressure to reshape
2 structural section of continuously bounded overall cross
3 section, whereby a stopper is forced radially against each
4 end of the piece, characterized in that when, in addition to
5 its overall cross-section (1), the piece is provided with
6 one or more extra walls (2, 3, & 7) or chambers (4, 5, & 6),
7 the stopper (8) will seal the structural section only at its
8 continuous boundary.

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10 6. Device as in Claim 5, characterized in that the stopper
11 (8) is provided with grooves (19) that match the shape of,
12 and merge with, the extra walls (2, 3, & 7).

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14 7. Device as in Claim 5, characterized in that the grooves
15 (19) extend almost to the boundart of the overall cross-
16 section (1).

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18 8. Device as in Claim 6 or 8, characterized in that the
19 grooves (19) are less than 1 cm deep.

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21 9. Device as in one or more of Claims 6 through 8,
22 characterized, when the structural section has several
23 chambers (4, 5, & 6), by additioal grooves (19) at the

1 intersections between and branches off of the partitioning
2 walls (7).

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